

Notice of Allowability

Application No.

10/632,665

Examiner

Shin-Hon Chen

Applicant(s)

HAPARNAS ET AL.

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed on 10/2/07.
2. ☒ The allowed claim(s) is/are 1-5, 7-17 and 19-28.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 12/5/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

1. Claims 1-5 and 7-17 and 19-28 are allowed. Claims 1-5 and 7-17 and 19-28 will be re-numbered as claims 1-26.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Farshad Far-Hadian on 12/5/07.

The application has been amended as follows:

8. (Currently Amended) The method of claim ~~1~~7, wherein the cellular device is in a short-distance wireless network.

14. (Currently Amended) A universal method for encrypting and decrypting a cellular message communicated from a processing device to a cellular device using a short-range radio address associated with a short-range radio transceiver embedded in said cellular device, the method comprising:

storing a first short-range radio address associated with said short-range radio transceiver in the cellular device;

storing a second short-range radio address associated with said short-range radio transceiver in a processing device, wherein the first short-range radio address and the second short-range radio address are the same;

encrypting the cellular message, by the processing device, using the second short-range radio address;

transmitting, over a cellular network coupled to the processing device, the encrypted cellular message to the cellular device; and

decrypting the encrypted cellular message, by the cellular device, using the first short-range radio address.

15. (Currently Amended) A universal method for encrypting and decrypting a cellular message communicated from a cellular device to a processing device using a short-range radio address associated with a short-range radio transceiver embedded in said cellular device, the method comprising:

storing a first short-range radio address associated with said short-range radio transceiver in a cellular device;

storing a second short-range radio address associated with said short-range radio transceiver in a processing device, wherein the first short-range radio address and the second short-range address are the same;

encrypting the cellular message, by the cellular device, using the first short-range radio address;

transmitting, over a cellular network coupled to the cellular device, the encrypted cellular message to the processing device; and

decrypting the encrypted cellular message, by the processing device, using the second short-range radio address.

16. (Currently Amended) A universal method for identifying a cellular device comprising the steps of:

receiving, by the cellular device, a first message requesting a cellular device identifier;

reading, by the cellular device, a first short-range radio address associated with a short-range radio transceiver embedded in said cellular device ~~from the device~~;

transmitting, by the cellular device, over a cellular network coupled to the cellular device, a second cellular message including the first short-range radio address;

storing a second short-range radio address associated with said short-range radio transceiver in a processing device which is independent of communication protocol; used to communicate the first and second cellular messages; and,

comparing the first short-range radio address to the second short-range radio address to uniquely identify the cellular device.

29-53. (Canceled).

3. The following is an examiner's statement of reasons for allowance: The closest prior art of record discloses establishing authentication and connection between two communication

devices using identifiers in a short-range radio network. The prior art of record does not explicitly disclose transmitting messages and short-range radio address associated with short-range radio transceiver embedded in the cellular device over a cellular network coupled to the cellular device in light of other features disclosed in independent claims 1 and 13-16.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shin-Hon Chen whose telephone number is (571) 272-3789. The examiner can normally be reached on Monday through Friday 8:30am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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